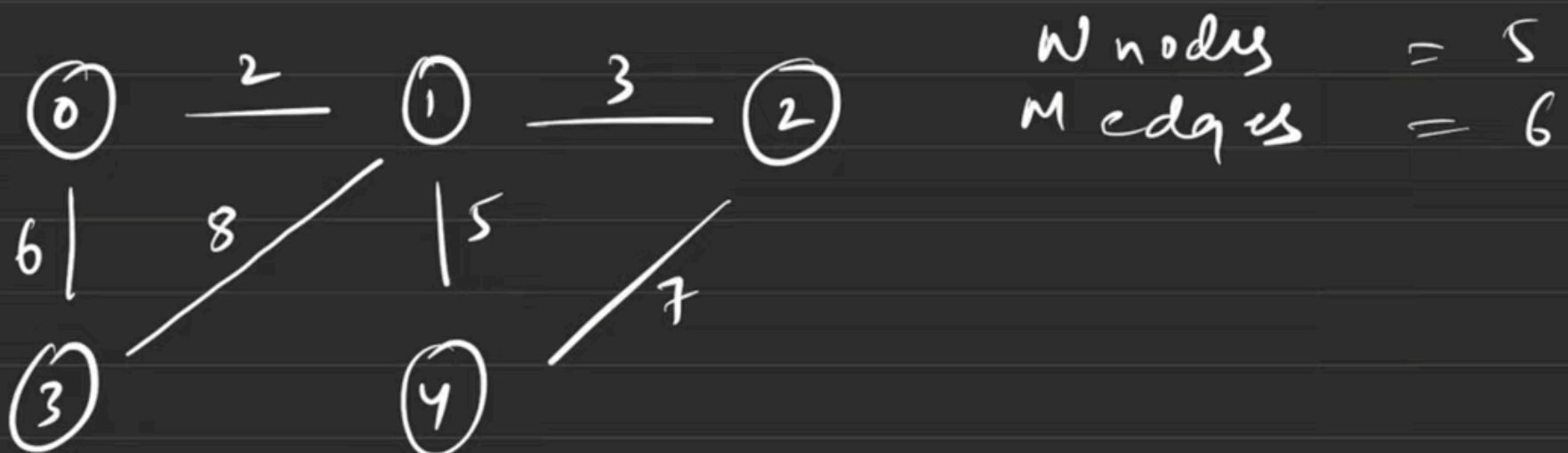


We will be given undirected weighted graph.

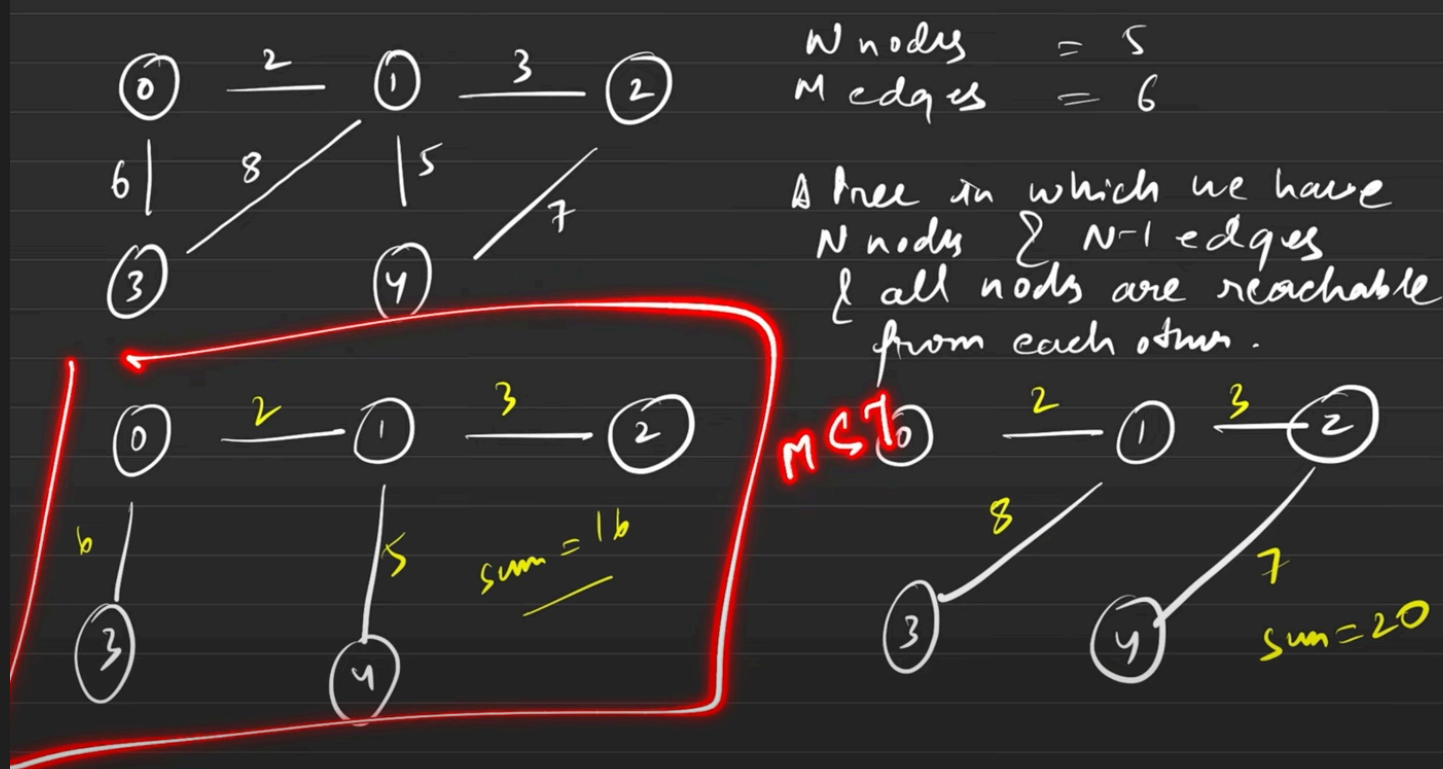
We can have  $N$  nodes and  $M$  edges.

## Minimum Spanning Tree $\rightarrow$ MST



Minimum Spanning Tree is a graph data structure where we have  $N$  nodes and  $N - 1$  edges and all nodes are reachable from each other.

## Minimum Spanning Tree $\rightarrow$ MST



The sum of weights of all edges should be minimum for minimum spanning tree